

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/002219

**A. CLASSIFICATION OF SUBJECT MATTER**  
**IPC 7 F04B35/00 F03G7/08**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

**IPC 7 F04B F03G**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 344 911 A (KIMBALL C.M.) 6 July 1886 (1886-07-06) the whole document -----	1-17
X	US 4 173 431 A (SMITH ROLAND L) 6 November 1979 (1979-11-06) the whole document -----	1-17
X	US 1 771 200 A (BALARD AKERS OSCAR) 22 July 1930 (1930-07-22) the whole document -----	1-17
X	US 4 212 598 A (BANKS STANLEY E ET AL) 15 July 1980 (1980-07-15) the whole document ----- -----	1-17 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- \*&\* document member of the same patent family

Date of the actual completion of the international search

28 September 2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 290 115 A (NAKATSU SENKICHI) 13 December 1995 (1995-12-13) the whole document -----	1-17
X	US 6 204 568 B1 (RUNNER JOHN) 20 March 2001 (2001-03-20) the whole document -----	1-17
X	US 5 355 674 A (ROSENBERG BARUCH) 18 October 1994 (1994-10-18) the whole document -----	1-17
X	DE 29 41 079 A (ZIMMER CORNELIUS P) 23 April 1981 (1981-04-23) the whole document -----	1-17

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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